

WHAT IS CLAIMED IS:

1. An external high frequency connector with a connecting side to connect the corresponding connector and a wiring side to connect the high frequency cable to transmit electrical signals comprising:

5           an insulating body has a connecting slot with a plurality contacts connecting to the cable;

          a metal shield external to said insulating body having a protruding part connecting to the electrical ground is on the connecting side of said metal shield, a positioner wedging the cable stretches out to the wiring side, said positioner has  
10       two wedges that wrap the cable vertically, a fastening hole and a fastener each is on the end of a wedge;

          an external packaging covers some portion of the insulating body;

          such that said metal shield and the cable, said protruding part discharges the electrical charges through electrical ground for higher transmission quality, said  
15       fastening hole and said fastener of said positioner stabilize the cables from sway for better mechanical strength.

2. The external high frequency connector in claim 1, wherein a teeth is on both sides of said fastener of said wedge of said positioner.

3. The external high frequency connector in claim 1, wherein at least one  
20       convexities are on said insulating body, at least on through holes corresponding to said convexities are on said metal bodies, said metal bodies and said insulating body are combined with the convexities passing through the through holes.

4. The external high frequency connector in claim 1, wherein said insulating body has a connecting slot to install said connectors, the connecting side and the  
25       wiring side of said insulating body are separated by a divider into a connecting section and a wiring section, a connecting hole is on the connecting side of said connecting slot, a guiding convex corresponding to the corresponding connector to identify direction is on one side of said connecting section.

5. The external high frequency connector in claim 4, wherein said external packaging is injected in one piece and wraps said insulating body from said divider toward the direction of wiring side.

6. The external high frequency connector in claim 1, wherein at least one  
5 gripping holes corresponding to the corresponding connector is on said metal bodies to increase the pulling difficulty.

7. The external high frequency connector in claim 1, wherein said metal shield further consists of two metal bodies.

8. The external high frequency connector in claim 7, wherein two sides of said  
10 metal bodies have sidewalls correspond to said insulating body, pairs of metal body fastening slots and metal body fasteners are on said sidewalls to fix two said metal bodies together.

9. The external high frequency connector in claim 1, wherein said wedges of said positioner of said metal bodies are bent along the diameter of the cable, the  
15 fastening hole and the fastener on the end of said wedges are fastened together, the combination of said teeth and said fastening holes position the cable and said metal shield.